

IN THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application. Please amend/cancel/add the claims as follows:

Listing of Claims:

Claims 1-29 (Cancelled)

Claim 30 (Currently Amended): An electrokinetic geosynthetic ("EKG") structure for direct contact with substrates of ground materials, said EKG structure comprising a porous geosynthetic sheath in the form of a bag, tube, or container substantially enclosing, surrounding and contacting an outer peripheral surface of a core of substrate to be treated, wherein said sheath comprises geosynthetic material including at least one electrically conducting element comprising a first electrode on said sheath so as to be in direct contact with said core of substrate and to provide a conductive path with said substrate, and at least one second electrode extending into the core through an opening in the sheath and laterally spaced from the sheath.

Claim 31 (Cancelled)

Claim 32 (Currently Amended): An EKG ~~drain~~ structure in accordance with claim 30 wherein said electrically conducting element is composite metallic, comprising metal or metal powder dispersed in a solid carrier, or is conducting non-metallic, ~~such as carbon, a conducting polymer or composite thereof.~~

Claim 33 (Currently Amended): An EKG ~~drain~~-structure in accordance with claim 30 wherein said electrically conducting element is in the form of a filament, fibre, strand, wire, layer of shaped solid or hollow form, in close association with the sheath.

Claim 34 (Currently Amended): An EKG ~~drain~~-structure in accordance with claim 30 wherein said electrically conducting element is comprised as electrically conducting material dispersed throughout the sheath such that the sheath itself forms the electrically conducting element.

Claim 35 (Previously Presented): Use of the EKG structure as defined in claim 30 as an electrode to serve a drainage function.

Claim 36 (Previously Presented): Method of treating a substrate by improving its consolidation comprising enclosing a substrate to be treated within an EKG structure as defined in claim 30 and applying an electric field between the first and second electrodes.